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MCGWG file



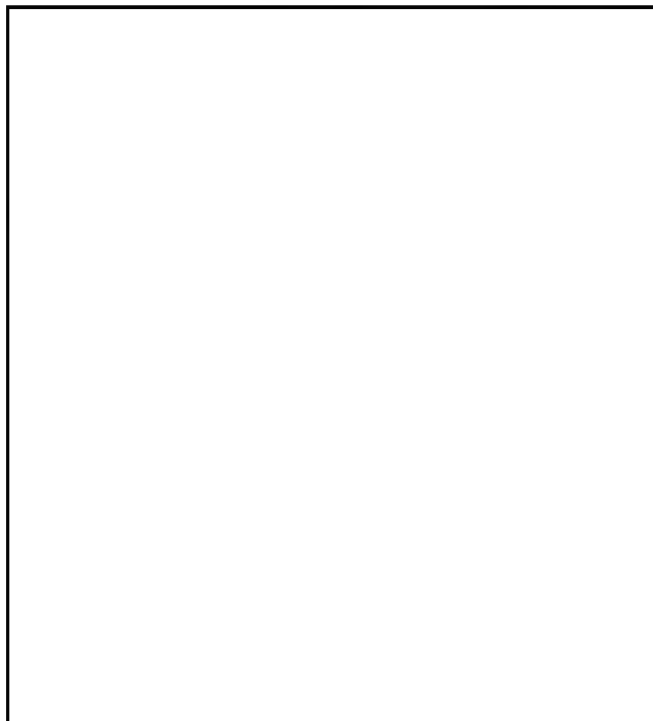
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NRO REVIEW COMPLETED

COMIREX MAPPING, CHARTING AND GEODESY WORKING GROUP

Minutes of Meeting Held in Room 1D918
Pentagon
1300-1630, 24 May 1968

PRESIDING



Purpose of Meeting

1. The purpose of the meeting was to review the three main items cited in the memorandum to MCGWG members of 17 May. Discussion of these three items is set forth in subsequent paragraphs.

Revised Mapping and Charting Coverage Requirements for Satellite Photographic Collection

2. [redacted] explained that the paper forwarded for review was a condensation of substantive information forwarded members on 19 January 1968 with some important revisions, and was generally patterned along the line understood to be desired by Chairman COMIREX. The important revisions

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included the requirement for [redacted] limited re-coverage by the J-3 system outside the Sino Soviet areas, expansion of the coverage requirements [redacted] during the first three years of operation, and the inclusion of the estimate as to the number of [redacted] that might prove adequate in meeting MC&G requirements. [redacted] pointed out that he hoped that the members would find the paper generally satisfactory such that if only minor changes were necessary, these could be given to [redacted] immediately so that the paper could be disseminated for consideration at the COMIREX meeting on the following Thursday. After discussion, the paper was accepted by the MC&G Working Group with minor changes mostly of an explanatory nature. Minor changes included revising the language to stress the limited re-coverage that was expected to be required when related to areas of firm stereo production programs outside the Sino Soviet, an indication that one or two missions annually, including the [redacted] [redacted] may be adequate for maintenance after the first initial coverage is accomplished, and making the [redacted] capability requirement more specific by recognizing that all but 2 million square miles in the tropical belt could be obtained by manned aircraft. [redacted] forward the minor changes to [redacted] office as rapidly as possible by gray phone.

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Evaluation of MC&G Requirements for Remaining DISICS

3. The Memorandum for File circulated to members on 17 May was discussed and recognized as an indication to NRO that added capability for an improved ephemeris was considered more important to MC&G than the DISIC coverage that might be provided from up to five of the remaining DISIC systems which would be normally included in the remaining KH-4B systems. In the discussion, Mr. [redacted] brought out that if and when the film in the prime cameras were changed to UTB, the amount of film for free-wheeling would be reduced from 50% to 25% of the total film available. However, there would be a significant increase in the amount of coordinated KH-4 pan and frame coverage that would be obtained on each mission. Because of the increased coverage enabled by the UTB in the prime cameras, the planning data were somewhat different from those used in arriving at the conclusions and recommendations on this subject. However, after further discussion it was concluded that the paper as written still adequately expressed the feeling of the MC&G Working Group, and that the Chairman should forward the conclusions and recommendations to the Chairman COMIREX for guidance to the NRO.

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NRO Progress on Proposing Solutions to Meet World-Wide Positioning Requirement

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5. Defense members stressed the need for an early response from the NRO as to what systems would be proposed for meeting the world-wide positioning requirement of 450 feet horizontal and 300 feet vertical, 90% assurance. Mr. [redacted] cited the need for having such information because of its impact on DoD planning for overt geodetic systems, particularly Doppler receivers, etc. in the DoD Consolidated Intelligence Program for the next five years. LCOL [redacted] stated that his office hoped to be able to present their conclusions in the next few weeks, but there were a few loose ends concerning the tracking net, the number of Doppler units available and the station locations which needed to be firmed up. [redacted] asked that specific plans and priorities relating to overt programs be taken up with DIA.

Miscellaneous

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6. [redacted] indicated that he thought that the addition of a star comparator to the KH-4 system was going to be accepted and funded by CIA. [redacted] mentioned that it was important that the NRO be represented in the Sub-Working Group on mission-to-mission planning for the free-wheeling DISIC coverage which is chaired by [redacted] of DIA. [redacted] regretted that he was unable to make the meeting, but would participate in future discussions.

CHAIRMAN
COMIREX MC&G Working Group

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